

and has the ability to digest a cell wall of one of said bacteria, said lytic enzyme being coded for by the same said bacteriophage capable of infecting said bacteria being digested; and

ii) a carrier capable for delivering said at least one said enzyme to said digestive tract.

2 28) The suppository enema according to claim 27, wherein said composition further comprises a buffer that maintains pH of a composition a range between about 4.0 and about 9.0.

3 29) The suppository enema according to claim 28, wherein the buffer maintains the pH of the composition at the range between 5.5 and 7.5.

4 30) The suppository enema according to claim 28, wherein said buffer comprises a reducing reagent.

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CONT 5 31) The suppository enema according to claim 30, wherein reducing agent is dithiothreitol.

6 32) The suppository enema according to claim 28, wherein said buffer comprises a metal chelating reagent.

7 33) The suppository enema according to claim 31, wherein said metal chelating reagent is ethylenediaminetetracetic disodium salt.

8 34) The suppository enema according to claim 28, wherein said buffer is a citrate-phosphate buffer.

9 35) The suppository enema according to claim 27, further comprising a bactericidal or bacteriostatic agent as a preservative.